

## SECTION 6

### 6.41 CORROSION PROTECTION SYSTEMS:

All metallic pipe and fittings shall be protected against corrosion.

- A. Polyethylene Encasement Material: Polyethylene wrap shall be used on all cast iron or ductile iron pipe, fittings, rods, and appurtenances where the soil resistivity is greater than 1,000 ohm-centimeters. Polyethylene material shall conform to MS-13 and Sheet 36 of the Standard Drawings.

Twenty-four inch flat width tubing shall be used with 4 inch, 6 inch, and 8 inch pipe. Thirty inch flat width tubing shall be used with all 12 inch pipe. Thirty-six inch flat width tubing shall be used for 16 inch pipe. Fifty-two inch flat width tubing shall be used with 20 inch and 24 inch pipe.

Harness rods shall be covered by 4 inch flat width polyethylene tubing. The entire joint shall be covered by a cigarette-wrap of 48 inch wide polyethylene sheet material over each set of lugs. Irregular shaped valves and fittings shall be covered with flat 48 inch wide polyethylene sheet material.

- B. Insulators: Insulators are installed at the outlet end of the corporation stop as shown on Sheets 46 and 48 of the Standard Drawings. Insulators shall be Ford Service Insulators or an approved equal for service lines. See Sheet 35 of the Standard Drawings and MS-22 for other insulators, which may be required.